



Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

M93A1 Block I Modification Fox Nuclear, Biological, Chemical Reconnaissance System (NBCRS)

Description: The M93A1 Block I Modification NBCRS is a U.S. Army improved version of the German TPZ1 Fuchs. It is capable of detecting chemical contamination in its immediate environment through point detection and at a distance through the use of a standoff detector (M21 RSCAAL). It will automatically integrate contamination information from sensors with input from on-board navigation and meteorological systems and rapidly transmit to the Maneuver Control System. The M93A1 also reduces the crew size from four to three soldiers.



Mission: NBC Reconnaissance. Find, identify, map, and mark NBC contamination on the battlefield.

User: U.S. Army and U.S. Marine Corps.

Capabilities:

- Standoff vapor detection
- Reduced crew size
- Enhanced logistics supportability and maintainability
- Digitized communications
- On-board MICRO-MET, GPS, SINCGARS
- Automatic Alarm Reporting (MICAD)

Future Improvements:

- Block II with enhanced sensor suite
- Significantly reduced operational and sustainment and life cycle costs



For additional information, please contact Product Manager-Reconnaissance, ATTN: AMSSB-PM-RNN-R, Aberdeen Proving Ground, MD 21010-5424. The Product Manager can also be contacted by E-mail (pm.recon@sbccom.apgea.army.mil), by telephone at (410) 436-4102 or DSN 584-4102, or by fax to (410) 436-1383.